

The *Precision Vaccines* Laboratory, directed by Ofer Levy MD, PhD, is located in newly renovated space at the Harvard Institutes of Medicine and is the focal point of the *Precision Vaccines Program* at Boston Children's Hospital/Harvard Medical School (Boston, MA; USA). Due to distinct immunity, life-threatening infections most often occur at the extremes of life motivating development of improved vaccines that are safe and effective in the young and old. The *Precision Vaccines Program* is a platform for international collaboration employing cutting edge technologies to understand age- and sex-specific features of immune responses to inform development of vaccines tailored for optimal safety and immunogenicity towards distinct populations. **We seek a skilled and motivated post-doctoral scientist with background in Immunology (experience in T and B lymphocyte studies a plus), Vaccinology, and/or Systems Biology to lead a project on development of novel adjuvanted vaccines.** We are funded by NIH/NIAID via an Adjuvant Discovery and Development Program contracts, a UO1 grant on adjuvant synergy and a U19 Human Immunology Project Consortium (HIPC) award to study systems vaccinology. Studies will employ *in vitro* modeling of human newborn, adult and elderly antigen-presenting cells, T and B lymphocytes, small molecule screens, medicinal chemistry, adjuvant formulation as well as *in vivo* animal and human studies and big data "OMIC" technologies, to identify and develop adjuvants that enhance immune responses of those at the extremes of age. Our laboratory is dynamic, international, supportive and productive. We offer excellent opportunities for publication, attendance at scientific meetings, and career advancement with graduates of the lab holding prominent positions in academia and industry. The candidate should have obtained their PhD within the last 1-3 years. Interested applicants should e-mail their CV and arrange to have 3 statements of reference **e-mailed to: ofer.levy@childrens.harvard.edu**. International candidates are encouraged to apply.